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**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): POLYMER ELECTROLYTE AND PROTON-CONDUCTING MEMBRANE
By (Inventors): Nagayuki KANAOKA (Saitama-ken, Japan), Masaru IGUCHI (Saitama-ken, Japan), Naoki MITSUTA (Saitama-ken, Japan), Hiroshi SOHMA (Saitama-ken, Japan), Toshihiro OHTSUKI (Tokyo, Japan)

- 51 pages of Specification/Claims 1-11/Abstract are attached.
- Priority of Japanese Application Number 2003-076192 filed March 19, 2003, Japanese Application Number 2003-076193 filed March 19, 2003, Japanese Application Number 2003-076194 filed March 19, 2003, and Japanese Application Number 2003-081768 filed March 25, 2003, is claimed under 35 U.S.C. §119.
- Certified copies of the above corresponding foreign applications are attached.
- An Information Disclosure Statement is attached, with Form PTO-1449, and 4 references.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY		LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEES	RATE	FEES
BASIC FEE				\$ 385		\$ 770
TOTAL CLAIMS	11 - 20	= 0	x 9 =	\$	x 18	\$ 0
INDEP CLAIMS	2 - 3	= 0	x 43 =	\$	x 86	\$ 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	\$	+290	\$ 0
			TOTAL	\$	OR	TOTAL \$ 770

- NO FEE IS ENCLOSED AT THIS TIME.

Respectfully submitted,

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CMM:vmh